

Title (en)
RECIPROCATING TOOL

Title (de)
HUBKOLBENWERKZEUG

Title (fr)
OUTIL A MOUVEMENT ALTERNATIF

Publication
EP 2114641 A4 20140416 (EN)

Application
EP 08713944 A 20080124

Priority
• US 2008051839 W 20080124
• US 89717007 P 20070124

Abstract (en)
[origin: US2008172892A1] An arcuate action tool attachment is adapted to receive an input and to convert that input into reciprocating output motion along an arcuate path. The tool may be adapted to be combined with an existing linear reciprocating device or a rotary device, or the tool may comprise a single unit including a linear reciprocating device or a rotary device. The tool may be fitted with one or more curved or arc-shaped accessories, such as saw blades or the like, that reciprocate along the arcuate paths that may have substantially the same radius of curvature as the accessory.

IPC 8 full level
B27B 11/00 (2006.01); **B27B 19/00** (2006.01); **B27B 19/02** (2006.01)

CPC (source: EP US)
A61B 17/14 (2013.01 - EP US); **A61B 17/144** (2016.10 - EP US); **B23D 45/003** (2013.01 - EP US); **B23D 45/08** (2013.01 - EP US); **B23D 51/16** (2013.01 - EP US); **B23D 57/00** (2013.01 - EP US); **B23D 67/04** (2013.01 - EP US); **B23D 67/12** (2013.01 - EP US); **B24B 23/04** (2013.01 - EP US); **B25F 3/00** (2013.01 - EP US); **B27B 19/006** (2013.01 - EP US); **A61B 17/1624** (2013.01 - EP); **A61B 17/1637** (2013.01 - EP); **A61B 17/1659** (2013.01 - EP); **A61B 2017/320028** (2013.01 - EP)

Citation (search report)
• [XA] EP 0546861 A1 19930616 - BLACK & DECKER INC [US]
• [XA] FR 2047701 A5 19710312 - SCHMID ET WEZEL
• [XA] GB 2002279 A 19790221 - BRISTOL MYERS CO
• [X] US 4474164 A 19841002 - LAUGA GILLES J [BE]
• [XA] DE 384536 C 19231102 - ACHILLE PAYS
• See references of WO 2008091969A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2008172892 A1 20080724; **US 8261455 B2 20120911**; CA 2676528 A1 20080731; EP 2114641 A1 20091111; EP 2114641 A4 20140416; US 2012324744 A1 20121227; US 9283630 B2 20160315; WO 2008091969 A1 20080731

DOCDB simple family (application)
US 1881508 A 20080124; CA 2676528 A 20080124; EP 08713944 A 20080124; US 2008051839 W 20080124; US 201213605011 A 20120906